



GP. 1714

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*Trudi Thompson*  
Trudi Thompson

**PATENT**

Applicant: **Wang et al.**  
Serial No.: **09/876572**  
Filed: **June 7, 2001**  
Title: **PROCESS FOR THE SURFACE  
MODIFICATION OF A POLYMER  
SUBSTRATE & POLYMERS  
FORMED THEREFROM**  
Examiner: **S. McClendon**  
Group Art Unit: **1714**  
Atty Docket No.: **460063.94**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**RESPONSE TO OFFICE ACTION**

Commissioner for Patents  
Washington, DC 20231

Sir:

**RECEIVED**  
DEC 05 2002  
TC 1700

In response to the Office Action dated September 5, 2002, Applicants respond as follows:

In the Claims:

Please cancel claim 10.

Please amend claims 1 and 11-14 as follows:

1. (Amended) A process for the surface modification of a polymer substrate, the process comprising the steps of:

a. absorbing a swelling monomer into the polymer substrate in order to swell the polymer substrate;

b. polymerizing the swelling monomer for a period of time, wherein an initiator initiates the polymerization of the swelling monomer; and

c. removing the polymer substrate from the swelling monomer at the end of the period of time.

11. (Amended) The process of claim 1, wherein the initiator is ultraviolet radiation.

12. (Amended) The process of claim 1, wherein the initiator is heat.